CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/NMK/W.No.37/2020-21

Date: 21.08.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.07.2020	21.08.2020	8.217	392.5	17.44
2	24.07.2020	21.08.2020	8.009	405.1	18.00
3	24.07.2020	21.08.2020	8.205	412.7	18.34

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Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.07.2020	21.08.2020	8.025	382.5	17.00
2	24.07.2020	21.08.2020	8.165	373.9	16.62
3	24.07.2020	21.08.2020	8.096	391.1	17.38

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Job No.: CQCE/BBMP/NMK/W.No.37/2020-21

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

30.07.2020

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.07.2020	30.07.2020	8.169	346.8	15.41
2	23.07.2020	30.07.2020	8.184	336.3	14.95
3	23.07.2020	30.07.2020	8.152	365.2	16.23

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Job No.: CQCE/BBMP/NMK/W.No.37/2020-21

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

31.07.2020

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.07.2020	31.07.2020	8.215	505.2	22.45
2	24.07.2020	31.07.2020	8.239	516.3	22.95
3	24.07.2020	31.07.2020	8.265	498.6	22.16

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Job No.: CQCE/BBMP/NMK/W.No.37/2020-21

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

01.08.2020

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.07.2020	01.08.2020	8.189	362.3	16.10
2	25.07.2020	01.08.2020	8.165	346.5	15.40
3	25.07.2020	01.08.2020	8.172	352.8	15.68

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Job No.: CQCE/BBMP/NMK/W.No.37/2020-21

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

04.08.2020

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.07.2020	04.08.2020	8.235	505.2	22.45
2	28.07.2020	04.08.2020	8.225	516.9	22.97
3	28.07.2020	04.08.2020	8.218	532.4	23.66

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

04.08.2020

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.07.2020	04.08.2020	8.189	356.3	15.84
2	28.07.2020	04.08.2020	8.165	362.8	16.12
3	28.07.2020	04.08.2020	8.145	315.3	14.01

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

20.08.2020

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.07.2020	20.08.2020	8.226	515.2	22.90
2	23.07.2020	20.08.2020	8.239	529.3	23.52
3	23.07.2020	20.08.2020	8.246	500.4	22.24

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

21.08.2020

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.07.2020	21.08.2020	8.188	356.3	15.84
2	24.07.2020	21.08.2020	8.194	362.8	16.12
3	24.07.2020	21.08.2020	8.168	346.5	15.40

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

22.08.2020

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Comprehesive development of Roads, drains and Footpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.07.2020	22.08.2020	8.265	515.2	22.90
2	25.07.2020	22.08.2020	8.228	526.3	23.39
3	25.07.2020	22.08.2020	8.274	534.6	23.76

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